PROJECTED WORKS, &c.—Tenders have been called for by advertisement, for the whole of the work in excavating and forming embankments for reservoirs and for sundry masons' work, iron-founders' work, fencing and road-making, and building a cottage for the Bath Water Works; for the erection of an infirmary and other wards at the Union Workhouse, Wallingford; the erection of wards in the workhouse yard, St. Martin's-in-the-Fields; taking up and removing pavements at Limehouse; the execution of 6¼ miles of the Midland Railway, Leicester and Swannington extensions; also for 200 tons of tough cake copper, for the navy.

ANCIENT BRITISH BARROWS.—The circumference of the smallest barrows is about thirteen or fourteen feet; that of the largest thirty-three to thirty-five feet; and they are generally surrounded by a shallow trench. The cists in which the bodies are deposited, usually vary in depth from one to six feet. Douglas states that he found some which exceeded ten feet. More recent excavations on the downs beyond Canterbury, under the direction of Lord Albert Conyngham, have added a few new objects to those already discovered, proving incontestably that these barrows are not the burial places of the slain, but the sepulchres of a people in quiet possession of the country. "Their situation," observes Douglas, "near villages of Saxon names, their numbers proportioned to a small clan of people existing at a peculiar era, afford the critical evidence of their owners. They are scattered all over Britain, in places which the Saxons occupied, and are not discovered in the parts of Wales which they had not subdued. The relics, compared with those discovered in the urns found at Walsingham, in Norfolk, the subject of the beautiful old treatise on urn-burial, by Dr. Browne, shew the identity of people, and evince the funeral customs of the Saxons, on their visiting this country, to be that of burning, as well as interring the dead." Those who have been engaged in researches of this description, will testify to the accuracy of these remarks; but some will be disposed to question the propriety of the inference which the author draws, when he states his opinion that the Saxons extirpated the Britons from the parts which they then occupied. That the Romanized Britons were entirely subdued by the Saxons is evident, but the total annihilation of the people formerly in possession of the country by their invaders, is not proved by these relics, some of which, but more particularly the urns, which are occasionally found in these graves, remind us of the pottery of the Roman British period.—*Akerman's Archæological Index.*

WATER POISONED BY COPPER IN BRASS FORCE-PUMPS: TESTS FOR COPPER AND LEAD.—Mr. Henry Osborne, of Southampton, the practical chemist who our readers may remember, corroborated our remarks on the influence of lead on water, has lately discovered copper (another poisonous metal) in the state of oxide in water, and offers the following mode of detecting its presence:—To an ale-glass of the suspected water, taken directly from the pump, add a few drops of solution of ferrocyanuret of potassium; a faint reddish-brown tint will soon be perceived if copper be present, and in the course of twenty-four to forty-eight hours, a precipitate of the same colour will deposit at the bottom of the vessel. Sulphuretted hydrogen strikes a brownish-black colour to water containing copper, but a similar colour is produced with oxide of lead, and black, with peroxide of iron. To discriminate between lead and copper, or iron, add to another portion of the suspected water a drop or two of solution of bichromate of potash; a blueish-yellow turbidity and precipitate, soluble in potash, indicates lead. In a communication to the *Hampshire Advertizer*, he says, "I found water capable of taking up copper in the short space of a quarter of an hour, or twenty minutes, but the quantity is small, and may be readily removed by filtration."

THE IRON GIRDER COMMISSION.—A correspondent states, that the commissioners appointed to inquire into the construction of iron girders, having sent to the engineers of various railways for returns of information, a counter circular has issued from the Institution of Civil Engineers, urging them to refuse.

ART MANUFACTURES.—We observe, that some articles of furniture are to be added to the series of Felix Summerly's art manufactures, such as carved wooden brackets, in the style of Gibbons; a grate, an arm-chair, and a hall-chair. It is to be hoped they will be better than some of the smaller matters already included in the series, or they will do a great deal more harm than good.

TENDERS.

THE following is a list of the tenders for building the new Coal Market, Lower Thames-street, for the corporation of the City of London.

Ward	£31,360
Bennett	30,820
Nicholson	29,700
Jay	28,587
Taylor	28,375
Colebach	28,350
Harrison	28,251
Curtis	27,344
Haynes	27,044
Trego	25,857

TO CORRESPONDENTS.

"Blind Builders—Hampstead Church."—A correspondent denies the contractor's statement as to profit, but we have not space for further letters on this subject.

"W. Y."—The enclosure was little short of an impertinence.

"D. J. H."—We are obliged, but have not room.

"Allowance for Effect of Height."—A correspondent asks for a rule for ascertaining the size of any architectural member at a great height, which is required to appear of a given size from below, "that is to say, suppose I have to design any architectural ornament to be placed 100 feet high, and from the ground I want it to appear about 6 in. high when fixed in its place; how must the actual size of such ornament be obtained?"

"J. S."—Mr. Sylvester, Great Russell-street, may be safely applied to.

"S. J. N."—We think the plans of the baths and washhouses are not published.

"M. W."—We do not exactly understand the question.

Received—"H. and W." "Lady B." "Subscriber," "Churchwoman," "Frank Oliver" should send his name. "G. C." "Lover of Pure Air," "Mr. D." (Thanks), "R. S. N." "W. S. T." "O. W." "J. K."

Books received—"Sketches for History of the Decorative Painting applied to English Architecture during the Middle Ages." By G. L. Blackburne, F.S.A. Part III. Williams and Co., Strand [1847.] "The Electric Telegraph." By Peter Progress. (Clarke and Co., Gracechurch-street, 1847.] "Plan of the Sewers in the City." "The Tradesman's Book of Ornamental Designs." Part V. (Orr, Paternoster-row; Menzies, Edinburgh.)

"Books, Prices, and Addresses."—We have not time to point out books or find addresses.

ADVERTISEMENTS.

DRUCES, No. 2 WHARF, late Paradise-wharf, Chelsea.

TO THE TRADE.—Parties desirous of delivering Timber Deals, Stone, Bricks, or any other goods, in the districts of Chelsea, Brompton, Fulham, Kensington, &c. &c., will find great facilities of Wharfage, Cranage, or Delivery, by applying as above. A weigh-bridge and drawdock.—N.B. Depôt for Glass Pantiles.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS.

Manufactory, 86, Regent-street, and 131, Chancery-lane.

THE Patentee having fixed a great number of his shutters in London, and given universal satisfaction can confidently recommend them both for security and durability, the edges being sheathed with iron. Their construction is so simple that the largest establishment can be opened or closed with the greatest possible ease without the use of machinery. Their superiority over other perforating shutters consists in their great strength and stiffness, being without metal hinges, consequently cannot rust, buckle, be strained, or get out of order, and are safer. Persons dissatisfied with the patent rising gear now used for iron shutters can have it removed, and the shutters made to draw up in any part of the premises with the slightest exertion, without machinery, thereby avoiding the unpleasant use of oil.

INJUNCTION.

BUNNETT and CORPE'S Patent REVOLVING IRON SHUTTERS.—Since the verdict found in favour of the Patentees, in the Court of Exchequer, in the action tried by order of the Court of Chancery, that Court has granted a perpetual Injunction for restraining all infringements of this Patent, and therefore all parties are hereby cautioned against infringing the same.

THE PRICES ARE GREATLY REDUCED, and BUNNETT AND CORPE'S PATENT IRON SHUTTERS ARE THE CHEAPEST AS WELL AS THE BEST. They are made with convex laths, if required. The worm and wheel motion for raising and lowering revolving iron shutters as secured by this Patent is the only safe and durable mode of effecting that object. In large shutters it is indispensable.

Some thousands of Bunnett and Corpe's shutters have now been put up, without a single complaint of their want of strength or security: and nine years' practical experience (during which they have adopted every real improvement) enables the Patentees to challenge comparison with any others. They will guarantee all Shutters put up by them to keep in order, and last twice as long as any with thin convex laths.

B. and C. also manufacture REVOLVING WOOD SHUTTERS the Patent for which has expired), at the same prices as other makers, but greatly superior, being fitted with their patent raising gear, and proper metallic hinges, without which no shutter can be safe or durable.

BUNNETT and CORPE are likewise Patentees and Manufacturers of METALLIC SASH-BARS, MOULDINGS, &c. IN BRASS, COPPER, OR ZINC, FOR SHOP FRONTS, WINDOWS, SKYLIGHTS, AND VARIOUS OTHER PURPOSES.

Shop-fronts fitted with Iron Shutters, Patent Brass or Zinc Sashes, Plain or Ornamental, handsomely Engraved, Moulded, Stall-board Plates, best Plate Glass, and Internal Brass Fittings of all kinds, superior in quality and workmanship, and lower in price than any other house. Contracts taken in Town or Country.

Metal Drawing and Stamping for the Trade.

Office at No. 26, Lombard-street, London; Works, at Deptford, Kent.

Steam-engines, Sawing, Planing, and Moulding, Cutting-machines on Improved Plans, especially adapted for Builders' purposes, may be seen in operation at the Works.

COMPETITION DRAWINGS.—TO ARCHITECTS, &c.

MR. THOMAS S. BOYS, Member of the New Society of Painters in Water Colours, and author of "The Picturesque Architecture of Paris, Ghent, Rouen, &c." and of "London as it is," offers his services in Finishing Backgrounds, Landscapes, Perspective Views, Interiors, &c. From the long experience he has had in such subjects, he is fully aware of the points essentially necessary to be attended to. Drawings and designs lithographed in a superior manner.—Address, Mr. BOYS, 61, Great Titchfield-street, Oxford-street.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a new ENGINE, and owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUPERFICIAL and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

PLATE GLASS.—Architects, Builders, and the Trade generally, are solicited to inspect the quality and substance manufactured by the Union Plate Glass Company. Liberal discounts allowed on glazing qualities. London Warehouse, 99, Hatton-garden, Holborn. H. CHRISTIE, Agent.

N.B. ROUGH PLATE GLASS supplied one-fourth, three-eighths, one-half, and three-fourths of an inch thick.

SOHO PLATE GLASS WAREHOUSE, 28, SOHO SQUARE.—A. GOBLETT begs to inform Builders and the Trade generally, that he is prepared to contract for the supply of any quantity of Belgian 21 and 16 oz. Sheet Glass, either cut to sizes or in 100 and 200 feet cases, delivered free in London. Having a large stock on consignment at his Warehouse, he begs the favor of an inspection; he has also just received a few cases of very fine ruby and other coloured sheet glass at very low prices.

SOHO PLATE GLASS WAREHOUSE, 28, SOHO-SQUARE, depot for the sale of the PLATE GLASS manufactured by the St. Gobain and St. Quirin and Chevy Compagnies, Paris. The attention of Architects, Builders, and the Trade generally is particularly requested to this article, which stands UNRIVALLED FOR BRILLIANCY OF COLOUR, superiority of substance and polish, and possesses almost fashion quality. This Plate Glass can be procured of any dimensions.—Applications for samples, lists of prices, and all further particulars, to be addressed to ALFRED GOBLETT, Agent, 28, Soho-square.

PHŒNIX PLATE GLASS WAREHOUSE, 94, St. Mary Axe, City.—S. MORRIS, Proprietor. Builders, Upholsterers, and Consumers of Plate Glass, will find this the Cheapest House in London for Plate Glass for Shop Fronts, Hackney Carriages, Mirrors, and other purposes. Colour, Quality, and Substance unrivalled by any other house in the Kingdom. ROUGH PLATE GLASS for Skylights supplied in 3-16ths, ¼, ⅜, and ½ inch thick. All Plate Glass for Shop Fronts delivered within five miles of London free of all charge, and estimates given, free of expense, in town or country.—No connection with any other house.

LONDON and MANCHESTER GLASS COMPANY.—PLATE GLASS.—Architects, Railway Contractors, Builders, and the Trade generally, are respectfully informed the "London and Manchester Glass Company" have now opened their London Warehouse, 18, Rathbone-place, Oxford-street, for the Sale of PLATE GLASS, suitable for Silvering, Glazing, and other purposes. The Colour and Polish are very superior, and the Substance strong. The Tariff of this Company is the same as the one at present adopted by the Trade, from which very Liberal Discounts will be allowed on each description of Glass.

J. L. GRUNDY, Company's Agent.

18, Rathbone-place, Oxford-street.—31st Oct. 1847.

LONDON and MANCHESTER GLASS COMPANY.—Manufactory, Sutton, St. Helen's, Lancashire. London Warehouse, 18, Rathbone-place, Oxford-street, for ROUGH PLATE, suitable for Railway Stations, Warehouses, Skylights, and Floors, may be had of every thickness, at very MODERATE PRICES, upon application to

J. L. GRUNDY, Company's Agent.

18, Rathbone-place, October 21, 1847.

WINDOW GLASS, LEAD, VARNISH, COLOUR, and PLUMBERS' BRASS WORK MANUFACTORY, 67, Bishopsgate-street, Without. Lowest prices charged. Please inquire them.

Builders, Painters, Glaziers, and others, supplied with every article used in the trade upon the best wholesale terms.

FOREIGN SHEET. BRITISH SHEET.
BRITISH CROWN. PROPAGATING GLASSES.

Coloured and Ornamental Glass, Fluted Crown, and Sheet Plate, for Shop-fronts, Show-cases, &c. The largest stock of Cheap Glass in London for HORTICULTURAL PURPOSES.

Ground and Dry Colours of the best quality: Brushes, Dryers, and every article used in the Trade Warranted.

VARNISHES and GENUINE WHITE LEAD; MILLED LEAD IN SHEETS; Lead Pipe, Pumps, Water-closets, Basins, Brass-work, and all materials used by Plumbers.

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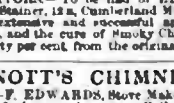
BAILLIE'S PATENT TRANSPARENT VENTILATORS are at once efficacious, neat and easily adapted to any sash, and were thorough ventilation without draught is required, will be found invaluable, and especially as a cure for smoky chimneys.—Supplied Wholesale and Retail by E. and W. B. JACKSON, Window Glass Warehouse, 113, Oxford-street.



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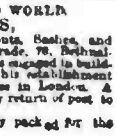
DR. ARNOTT'S CHIMNEY VENTILATOR.—F. EDWARDS, Stove Maker to her Majesty, 24, Poland-street, Oxford-street, begs to call the attention of Architects, Builders, Gas-fitters, and the Public to the truly invaluable advantages to be derived from the use of Dr. Arnott's Valve for the Ventilation of rooms of every description.—Prices from 7s. 6d. to 20s. each. A prospectus, containing full particulars, to be had on application.

SMOKY CHIMNEYS—NO CURE, NO PAY.

Twenty-five years' extensive experience in all the branches of a stove manufacturing business, and the cure of smoky chimneys of every description, fully justifies F. E. in stating that he can undertake the cure of smoky chimneys on the equitable terms of no cure no pay.

CHAS. WM. WATERLOW,

MANUFACTURER of Sashes and Frames, and Joiner to the Trade, 121, Bunhill-row, Finsbury-square.—Well-seasoned materials, superior workmanship, lowest prices.—Upwards of 400 DOORS, and a large variety of Sashes and Frames, always on sale. Glazed goods securely packed for the country. Steam-struck Mould lines in any quantity.—N.B. This Establishment is worth the notice of all engaged in building.



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